Waruna Bandara Rathnamalala

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PROFESSIONAL SUMMARY

Motivated first-year Software Engineering student at Tampere University of Applied Sciences (TAMK) with strong hands-on experience in front-end and junior full-stack web development. Skilled in building responsive, accessible, and production-ready web applications using JavaScript (ES6+), React, Next.js, and TypeScript. Demonstrated ability to design clean UI/UX, integrate REST APIs, and work with both SQL and NoSQL databases. Actively seeking internship or junior developer opportunities to contribute, learn, and grow within a professional development team.

TECHNICAL SKILLS

- **Languages**: JavaScript (ES6+), HTML5, CSS3

- **Frameworks & Libraries**: React, Next.js (App Router), TypeScript, Vite, Bootstrap

- **Databases & Backend Services**: MongoDB, MongoDB Atlas, PostgreSQL, Neon (Serverless PostgreSQL)

- **Web & Front-End Concepts**: Responsive Web Design, DOM Manipulation, Asynchronous Programming (Async/Await, Fetch API), State Management, REST API Integration, Accessibility (ARIA, semantic HTML)

- **UI / UX**: CSS Grid & Flexbox, CSS Variables, UI Animations, Glassmorphism and Neumorphism Design Patterns

- **Tools & Platforms**: Git & GitHub, Vercel, VS Code, LocalStorage, Weather APIs

PROJECTS

Nimbus Weather Engine – Tech Stack: Next.js (App Router), TypeScript, Tailwind CSS, WeatherAPI| 2026

Live Demo - https://nimbus-weather-engine.vercel.app

Github Repository - https://github.com/WarunaSLFI/Nimbus-Weather-Engine

- Developed a production-grade weather dashboard using Next.js App Router and modern component-based architecture.

- Integrated WeatherAPI to display real-time weather data, hourly forecasts, and 7-day predictions.

- Implemented dynamic UI backgrounds that adapt to live weather conditions such as rain, clouds, and clear sky.

- Built advanced features including UV index, humidity, air quality, timezone-aware clocks, and city auto-suggest search.

- Ensured responsive design, accessibility, and optimized performance across devices and screen sizes.

QuizMaster – JavaScript Quiz App – Tech Stack: Vanilla JavaScript, HTML5, CSS3, LocalStorage| 2026

Live Demo - https://js-quiz-app-silk.vercel.app

Github Repository - https://github.com/WarunaSLFI/js-quiz-app

- Built a fully interactive quiz application using pure JavaScript without external libraries.

- Designed custom state management logic for scoring, question randomization, and instant user feedback.

- Implemented localStorage persistence to store high scores and user preferences across sessions.

- Focused on accessibility, including keyboard navigation, semantic HTML, and ARIA live regions.

- Optimized DOM updates for improved performance and smooth UI animations.

Modern Premium Calculator – Tech Stack: JavaScript, CSS Variables, Neumorphism UI| 2026

Live Demo - https://vanilla-js-calculator-pink.vercel.app

Github Repository - https://github.com/WarunaSLFI/vanilla-js-calculator

- Developed a feature-rich calculator handling complex arithmetic logic and edge cases.

- Implemented Neumorphic UI design using advanced CSS shadows and gradients.

- Added calculation history tracking, clipboard copy functionality, and full keyboard support.

- Emphasized clean code structure and user-friendly interactions.

Pure JavaScript Digital Clock – Tech Stack: JavaScript, Date API, CSS | 2026

Live Demo - https://js-digital-clock-cyan.vercel.app

Github Repository - https://github.com/WarunaSLFI/js-digital-clock

- Built a lightweight digital clock using the native JavaScript Date API.

- Implemented dark/light theme toggle with persistent user preferences via localStorage.

- Added 12-hour / 24-hour format switching to demonstrate state handling.

- Designed for performance, simplicity, and clean UI.

PLATFORMS & CMS EXPERIENCE

- Experience building and customizing websites using WordPress

- Experience working with Wix platform for responsive website creation

- Familiar with theme customization, content management, and basic SEO practices

DEVELOPER WORKFLOW & TOOLING

- AI-assisted development tools used for ideation, debugging, and UI prototyping

- Strong emphasis on manual implementation, clean code, and understanding fundamentals

- Experience iterating designs and code based on feedback and continuous improvement

EDUCATION

Bachelor of Engineering – Software Engineering – TAMK, Finland | 2025 – Present

BSc (Hons) in Computer Science – Derby University, Malaysia | 2010 – 2013

International Advanced Diploma in Network & Cyber Security – Informatics, Singapore | 2008 – 2009

International Diploma in Network & Cyber Security – Informatics, Singapore | 2007 – 2008

GCE Advanced Level – St'Anne,S College, Sri Lanka | 2003 – 2006

- Subjects & Grades: Combined Mathematics (S), Physics (S), Chemistry (C)

ADDITIONAL INFORMATION

- Actively seeking internship and junior developer opportunities

- Strong interest in modern front-end development, UI/UX, and full-stack foundations

- Comfortable working in English-based technical environments and international teams

- Actively building portfolio projects and contributing to GitHub